

# CAPITAL IMPROVEMENT PLAN

CITY OF LEBANON, OHIO

# 2016-2020



*"Dedicated to Excellence in Public Service"*



June 2, 2015

TO THE HONORABLE MAYOR, MEMBERS OF THE CITY COUNCIL, AND CITIZENS OF  
LEBANON:

I am pleased to present the proposed Capital Improvement Plan (CIP) for the City of Lebanon. The attached document summarizes the major capital project requirements for operating years 2016 through 2020 and serves as both the basis for the City's financial planning and as a roadmap to guide government operations. This document is a communications tool to inform Lebanon residents of how the City plans to allocate its capital improvement funds to address the infrastructure needs of the community. The following objectives were established to guide the development of the 2016-2020 CIP:

- a. Ensure all essential infrastructure improvements are adequately resourced while addressing the significant reduction in revenue due to tax base contraction and state-level funding.
- b. Preserve the City's ability to respond to contingencies by maintaining adequate cash reserves in the General Capital Improvement Fund in accordance with the City's current fiscal policy.
- c. Maximize the use of state and federal grants.

The proposed CIP includes total expenditures for 2016 of \$8.9 million. These expenditures are broken down into the following program elements:

General Capital Improvements:	\$732k
Road Improvements:	\$2,865k
Park Improvements:	\$75k
Storm Water System Improvements:	\$465k
Sewer System Improvements:	\$1,665k
Water System Improvements:	\$765k
Electric System Improvements:	\$2,340k

## THE STRATEGIC PLANNING PROCESS

The development of the 5-Year Capital Improvement Plan (CIP) is the cornerstone of the City's Strategic Planning Process. The CIP is a resource constrained, prioritized listing of capital investment requirements. The infrastructure improvement needs are identified through several means, such as; Utility Master Plans, Needs Assessments and Citizen Surveys, and the development of the City's Comprehensive Plan. The 5-Year CIP is updated annually and forms the foundation of the City's annual Operating Budget. The following chart summarizes the Strategic Planning Process and the relationship between the CIP and Operating Budget.



## FUND COMMENTARY

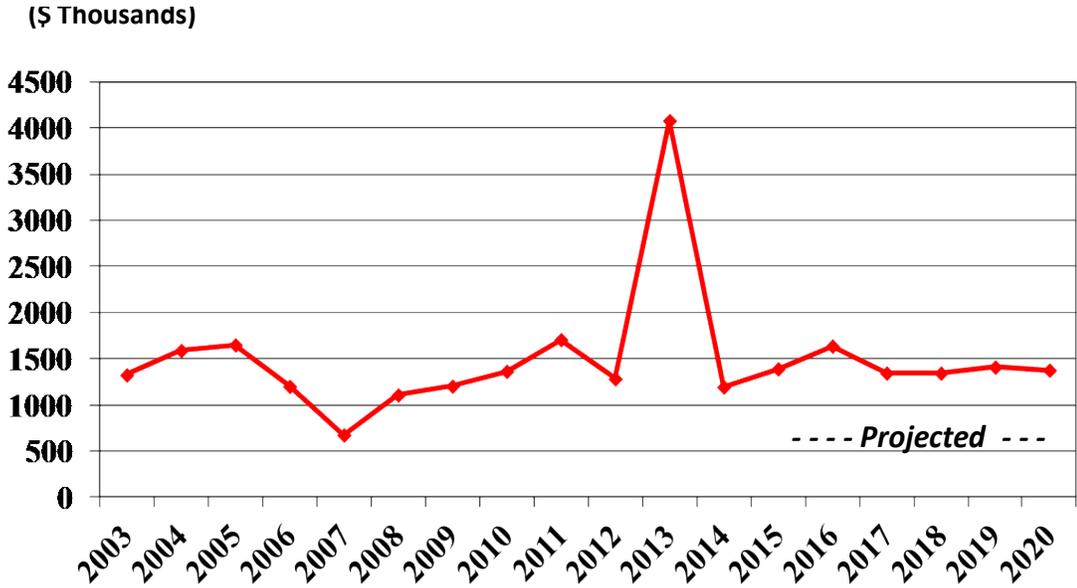
The City's infrastructure improvements are resourced from 11 of the 47 active operating funds that comprise Lebanon's annual Operating Budget. The maintenance of sufficient cash reserves in these funds is required to ensure the operational and financial integrity of the City's utility enterprises as well as the General Capital Improvement Fund.

The City's Fiscal Policy requires that cash reserves in the General Capital Improvement Fund, which is one of the 11 funds that support capital improvements, be maintained at a level capable of supporting 6 months of normal operations. This minimum reserve level equates to approximately \$1.3 million. The General Capital Improvement Fund is resourced from a portion of the City's income tax revenue, which is allocated to the 3 funds shown in the chart below. Starting in 2005, the City Council approved a series of adjustments to the income tax revenue allocation in order to provide increased revenue for both general government operations and infrastructure improvement requirements, and to off-set declines in income tax, Local Government Fund, estate tax, and property tax revenues.

Fund	Pre - 2006	2006	2007	2008	2010
General	40%	42%	45%	45%	56%
Capital Improvement	40%	39%	41%	44%	33%
General Obligation Bond	20%	19%	14%	11%	11%

Revisions to the income tax revenue allocation since 2005 have resulted in an additional 16% of the revenue being shifted into the General Fund to sustain core services such as public safety. This revenue shift equates to approximately \$900,000 per year in current dollars. Almost half of the additional revenue was shifted from the Capital Improvement Fund, which will result in a significant reduction in the level of effort in the City's roadway maintenance program.

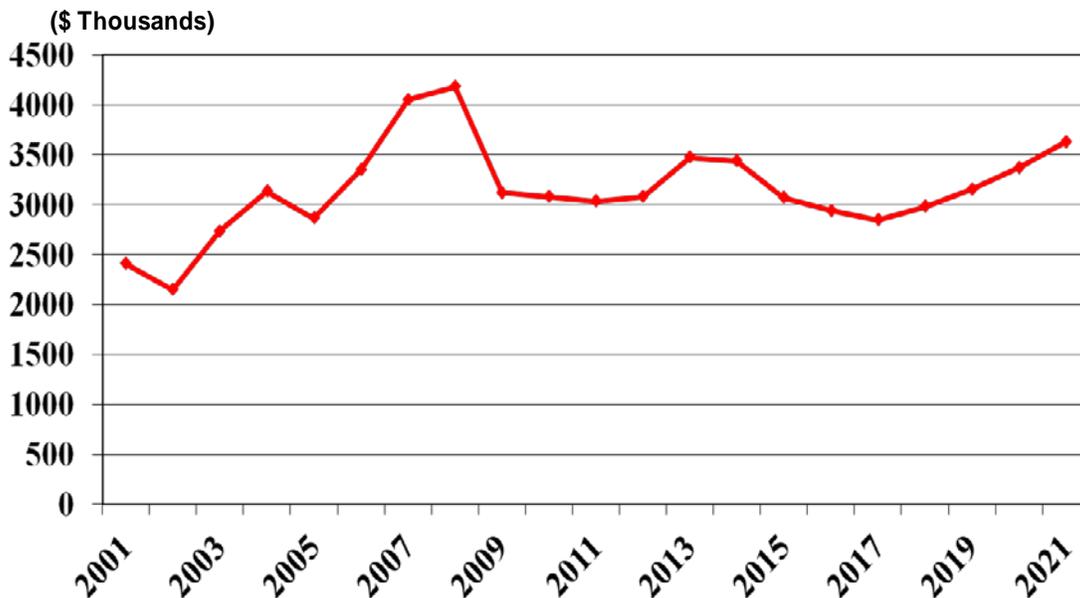
The following chart shows the year-end cash balances for the General Capital Improvement Fund for operating years 2003 through 2014 and the projected balances for 2015 through 2020.



The Capital Improvement Fund is projected to end 2016 with a balance of \$1.6 million. The City's General Obligation Bond Fund is used to support debt service for general obligation (i.e. non-utility related) debt sales. This fund is used primarily to make principal and interest payments for road improvement bonds. The General Obligation Bond Fund is currently resourced through an 11% share of the City's earnings tax collections.

The following chart shows the year-end cash balances for the General Obligation Bond Fund for operating years 2001 through 2014 and the projected balances for 2015 through 2021.

### General Obligation Bond Fund Cash Balances 2001 - 2021



The cash reserve projections for the Capital Improvement Fund and General Obligation Bond Fund are based on the assumption that income tax revenues will increase at an annual rate of 4%.

The General Obligation Bond Fund cash reserve projection includes debt services expenses for the State Route 123 - State Route 63 connector project, which was completed in 2014, and the Municipal Service Facility project, which was completed in 2015.

## FUTURE SALE OF DEBT

In order to support the projects programmed in this CIP the City will need to issue new notes and/or bonds as listed below:

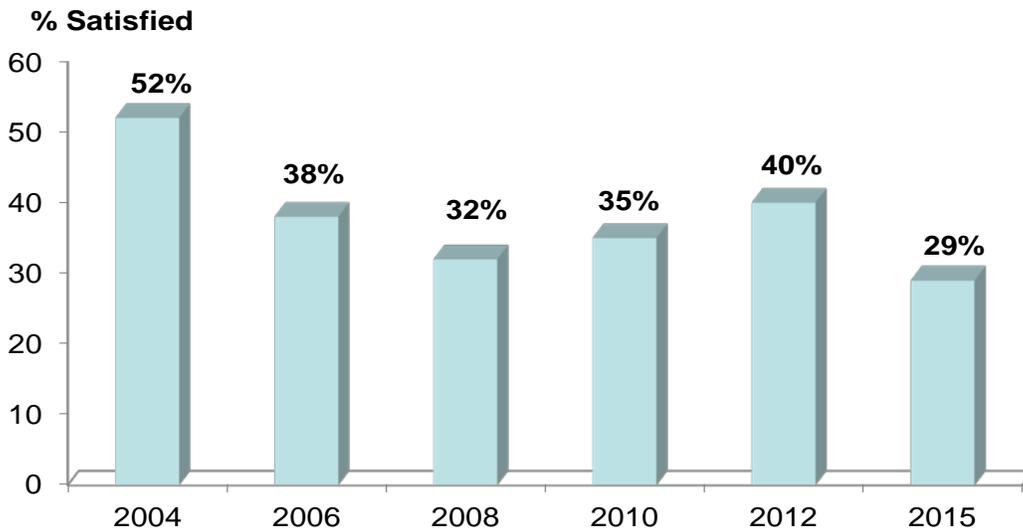
2020	Sanitary Sewer System Improvement - Sludge Digester Improvement Project for Waste Water Treatment Plant	\$900k
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## GENERAL CAPITAL IMPROVEMENTS

### 1. Roadway Improvements:

The roadway maintenance efforts programmed in this CIP are based on projected revenues, and the program is not resourced sufficiently to keep pace with the City's growing and aging roadway system. The 2015 Customer Satisfaction Survey results show that roadway conditions are the lowest rated general service area, having received a dissatisfaction rating of 71%.

### Customer Satisfaction Ratings for Roadway Conditions



Despite the City's aggressive use of state and federal grants, and the use of cash reserves in the Capital Improvement Fund, the City's roadway maintenance program remains significantly underfunded for operating years 2016 thru 2020. Without additional revenue this unsatisfactory trend will continue and service levels will continue to decline at an accelerated pace. The following chart compares the required number of centerline roadway miles that should be paved each year to the number of centerline miles actually paved, or programmed to be repaved in the Capital Improvement Plan during the period 2010 thru 2020.

Year	Roadway Centerline Miles (CLM)	Miles Paved or Reconstructed	Miles Required Per Year	% of Required Miles Paved	Shortfall
2010	108.5	1.44	9.0	16%	84%
2011	108.5	2.17	9.0	24%	76%
2012	108.9	2.25	9.1	25%	75%
2013	108.9	1.90	9.1	21%	79%
2014	108.9	2.15	9.1	24%	76%
2015	109.8	1.61	9.2	18%	82%
2016	109.8	5.09	9.2	56%	44%
2017	109.8	6.59	9.2	72%	28%
2018	109.8	6.90	9.2	75%	25%
2019	109.8	2.77	9.2	30%	70%
2020	109.8	2.56	9.2	28%	72%

*Note: This model is based upon ODOT roadway planning standards which call for the following maintenance actions: thin asphalt overlay at 10-15 years of service, thick overlay at 18-25 years of service, and road reconstruction at 35 years of service. An average roadway surface life estimate of 12 years was used.*

In order to support the required level of effort for roadway maintenance, funding for the program will need to be increased by approx \$1.5 million annually. The City's failure to perform routine roadway resurfacing in a timely manner will continue to result in reduced levels of service and increased requirements for high-cost roadway base failure repairs caused by water infiltration and deterioration of the soils supporting the roadways.

Expenditures for roadway improvement projects for 2016 total \$2.9 million. Major 2016 roadway maintenance projects include the reconstruction of East Street (Silver St to New St), and Phase I of the Bypass 48 Repaving Project (Southern Corp Limits to Turtlecreek Union Rd). The 2016 program includes \$673k for general street resurfacing and \$525k for curb, gutter, and sidewalk replacement.

## **2. Facility Improvements:**

\$70k has been programmed in 2016 for minor facility maintenance expenses.

## **3. Rail Line Maintenance:**

In December 2014, the City entered into a new 8 year contract with the Cincinnati Scenic Railway Company to operate a tourist train on the City-owned rail line. This contract requires the City to maintain the 5 miles of track and 5 bridges comprising the rail line. In order to support these repairs and sustainment expenses, \$180k is allocated annually in the General

Capital Improvement Fund, \$95k of which is transferred into the Capital Reserve and Replacement Fund to support the long-term replacement costs of the 5 rail bridges.

#### **4. Park Facility Development:**

The 5-year CIP includes a total of \$365k for park improvement projects including \$75k from the Park Impact Fee Fund to support design work related to the realignment and extension of the Lebanon - Countryside YMCA Bike Trail as recommended by the Lebanon-Turtlecreek Township Trails Initiative Study. The design work will include the realignment of the trail near the intersection of Deerfield Dr and East St, and the future extension of the trail along West Main St from Neil Armstrong Way to the corporation limits. Additionally, drainage improvements and parking lot resurfacing in Lebanon Sports Complex are programmed for 2018, and the enhancement of Miller Ecological Park in 2017.

#### **5. Fleet Replacement:**

The Capital Improvement Fund is used to support fleet replacement requirements for all non-utility departments. Major fleet requirements for 2016 include:

- a. Replacement of 3 police cruisers.
- b. Replacement of 1 dump truck (with snow fighting equipment) and 1 pick-up truck assigned to the Street Division.
- c. Replacement of 1 pick-up truck for the Parks Division.
- d. Replacement of 1 pick-up truck assigned to the Water Dept.
- e. Replacement of the video inspection vehicle assigned to the Wastewater Dept
- f. Replacement of 1 administrative vehicle and 1 Digger Truck assigned to the Electric Dept.
- g. Replacement of 1 command vehicle for the Fire Division.

### **STORM WATER SYSTEM IMPROVEMENTS**

The City's Storm Water Utility, which was implemented in early 2004, is the primary funding source to support the City's storm water management program. A total of \$3.0 million has been programmed for projects during years 2016 through 2020, including \$465k for 2016. The 2016 storm water projects include the installation of new storm sewer system as part of the East Street reconstruction project.

### **SEWER SYSTEM IMPROVEMENTS**

The Sewer System Master Plan adopted by the City Council in 2002 serves as the primary planning tool to guide the City's sewer system improvement efforts, and is scheduled to be updated in 2016.

The 2016 program includes \$965k for sewer collection and treatment system improvements, including sanitary sewer improvements on Wright Ave and upgrading the Turtlecreek Pump Station to meet increased service demand in the southern industrial parks. \$600k has been programmed for 2016 to perform the Wastewater Treatment Plant Aeration Improvement Project. Additionally, \$900k has been programmed for 2020 to perform the WWTP sludge digester improvement project.

## **WATER SYSTEM IMPROVEMENTS**

The Water System Master Plan was updated in 2014 and serves as the primary planning tool to guide the City's water system improvement efforts. The City's water main replacement program, which is designed to replace old and undersized water mains with new 8-inch ductile iron mains, will be sustained throughout the 5-year CIP. Water main replacements are scheduled for multiple streets in 2016 at an estimated cost of \$630k.

## **ELECTRIC SYSTEM IMPROVEMENTS**

The City's Electric Department will continue to focus on meeting the needs of an expanding service area while maintaining and improving existing transmission and distribution systems.

In 2016, \$2.3 million has been programmed for transmission system improvements, including the continuation of improvements to the Southern Industrial Park electric service area. These improvements will include the completion of the Mills Road Electric Substation Construction Project which will increase the service capacity and provide redundancy to the southern industrial park service area.

The City will continue to execute an aggressive overhead and underground distribution system improvement program. \$795k has been programmed in 2016 for improvements and expansion of the distribution system.

## **CONCLUSION**

This completes the summary of the key projects addressed in the proposed 2016-2020 Capital Improvement Plan. With the exception of the City's roadway maintenance program, which remains significantly under-funded, I believe the proposed plan supports the Goals and Objectives of the City Council and provides for the essential infrastructure improvements to meet the current and projected needs of our growing community.

George P. Clements  
City Manager



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 GENERAL CAPITAL FUND  
 Fund Code 408-0100

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014	Yr 2015	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020

<b>Roadway Improvements:</b>		<i>Funded (\$1000's)</i>		<i>Planned (\$1000's)</i>				
Resurfacing of Streets	408R-0007	\$680.0	\$680.0	\$672.7	\$834.0	\$903.8	\$1,007.5	\$706.8
Concrete Program	408R-0008	\$250.0	\$300.0	\$325.0	\$325.0	\$350.0	\$400.0	\$250.0
MMM Road Improvements	408R-0061			\$200.0				
Jackson Street Reconstruction	408R-0043				\$350.0			
West Warren St. Bridge Replacement	408R-0053	\$275.0						
Sycamore St. Reconstruction - Silver to Mulberry	408R-0057					\$350.0		
Fairview Ave. / Center St. Reconstruction	408R-0061						\$525.0	
<b>Roadway Improvements Subtotal:</b>		<b>\$1,205.0</b>	<b>\$980.0</b>	<b>\$1,197.7</b>	<b>\$1,509.0</b>	<b>\$1,603.8</b>	<b>\$1,932.5</b>	<b>\$956.8</b>



**CITY OF LEBANON**  
Five Year Capital Improvement Plan  
GENERAL CAPITAL FUND  
Fund Code 408-0100

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014	Yr 2015	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020
		<i>Funded (\$1000's)</i>		<i>Planned (\$1000's)</i>				

<b>Roadway Improvements Subtotal:</b>		\$1,205.0	\$980.0	\$1,197.7	\$1,509.0	\$1,603.8	\$1,932.5	\$956.8
<b>CDBG Eligible Projects</b>								
Alley / Roadway Resurfacing	408R-0044							
Mulberry Street Reconstruction - Sycamore to West	408R-0035							
High Street Reconstruction - Main to Pleasant	408R-0017	\$80.0	\$650.0					
Resurfacing Program						See List		
<b>OPWC Projects</b>								
West Street Reconstruction - Main to Silver	408R-0039	\$600.0						
Maple Ave. Reconstruction - East St. to Broadway	408R-0040		\$750.0					
East Street Reconstruction - Park Ave. to Deerfield Rd.	408R-0054	\$950.0						
S. Broadway Ave. Reconstruction - Bridge to Maple St.	408R-0055					\$900.0		
East Street Reconstruction - Silver St. to New St.	408R-0056			\$700.0				
Bypass 48 Improvements	408R-0058			\$967.0	\$1,900.0	\$1,600.0		
Monroe Rd. Improvements	408R-0059						\$495.0	
Miller Rd. Intersection Improvements	408R-0060							\$2,400.0
<b>Roadway Improvements Total:</b>		<b>\$2,835.0</b>	<b>\$2,380.0</b>	<b>\$2,864.7</b>	<b>\$3,409.0</b>	<b>\$4,103.8</b>	<b>\$2,427.5</b>	<b>\$3,356.8</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Fund  
 GENERAL CAPITAL FUND  
 Fund Code 408-0100

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016 <i>Planned (\$1000's)</i>	Yr 2017 <i>Planned (\$1000's)</i>	Yr 2018 <i>Planned (\$1000's)</i>	Yr 2019 <i>Planned (\$1000's)</i>	Yr 2020 <i>Planned (\$1000's)</i>

<b>Resurfacing Program</b>								
Preventative Paving		\$25.0	\$25.0	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
Water Street - Warren to Dead End		\$67.0						
Hart Rd. - Franklin to Corp. Limit		\$60.0						
Miller Street		\$20.0						
Stokes Street		\$15.0						
Meadow Ln. - CDS to Monroe		\$55.0						
Drexal Ave.		\$50.0						
Lakeside / Crescent Dr.		\$30.0						
Hartz Dr.		\$100.0						
Cardinal Drive & Hallie Court		\$65.0						
Fairwinds Court		\$50.0						
Gentlewinds Court		\$35.0						
Stubbsmill Road			\$150.0					
East St. - Main St. to Silver St.			\$100.0					
Stanwood Dr.			\$115.0					
Northwood - Broadway to Carson			\$290.0					
Sterling Drive				\$57.6				
Hearthstone Court				\$11.4				
Knollcrest Court				\$14.8				
<b>Resurfacing Program Subtotal:</b>		<b>\$572.0</b>	<b>\$680.0</b>	<b>\$133.8</b>	<b>\$50.0</b>	<b>\$50.0</b>	<b>\$50.0</b>	<b>\$50.0</b>

**CITY OF LEBANON**  
 Five Year Capital Improvement Fund  
 GENERAL CAPITAL FUND  
 Fund Code 408-0100



Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016 <i>Planned (\$1000's)</i>	Yr 2017 <i>Planned (\$1000's)</i>	Yr 2018 <i>Planned (\$1000's)</i>	Yr 2019 <i>Planned (\$1000's)</i>	Yr 2020 <i>Planned (\$1000's)</i>

<b>Resurfacing Program Cont.</b>								
<b>Resurfacing Program Subtotal</b>		\$572.0	\$680.0	\$133.8	\$50.0	\$50.0	\$50.0	\$50.0
Little Creek Drive				\$50.8				
Roundhill Court				\$9.9				
Lookout Ridge Drive				\$79.3				
Greengate Drive (Stonegate to End)				\$45.2				
Deerfield Road (Countryside to Turtlecreek Union)				\$246.4				
Stonegate Drive				\$42.9				
Balsam Wood Lane				\$64.4				
Covenant Way (FDR)					\$156.0			
McBurney Drive					\$235.1			
West Lane					\$54.8			
Clover Lane					\$19.6			
Hickory Lane					\$70.9			
East Concord Drive					\$119.9			
West Concord Drive					\$59.1			
Indian Mound					\$68.6			
Miller Road (RoseMarie to Broadway)						\$195.2		
Truro Court						\$19.4		
Beaulieu Court						\$13.9		
<b>Resurfacing Program Subtotal</b>		<b>\$572.0</b>	<b>\$680.0</b>	<b>\$672.7</b>	<b>\$834.0</b>	<b>\$278.5</b>	<b>\$50.0</b>	<b>\$50.0</b>

# CITY OF LEBANON

As of 5/22/2015

Five Year Capital Improvement Plan  
GENERAL FUND CAPITAL  
Fund Code 408-0100



Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014	Yr 2015	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020
		<i>Funded (\$1000's)</i>		<i>Planned (\$1000's)</i>				

<b>Resurfacing Program Cont.</b>								
<b>Resurfacing Program Subtotal</b>		\$572.0	\$680.0	\$672.7	\$834.0	\$278.5	\$50.0	\$50.0
Birmingham Court						\$42.9		
Ludlow Court						\$13.5		
Tollgate Court						\$81.9		
Cantebury Lane						\$66.5		
Portland Boulevard						\$90.7		
Barrington Court						\$76.4		
Sutton Court						\$13.7		
Garfield Park Boulevard						\$44.2		
Dover Court						\$11.4		
Sheffield Court						\$19.4		
Preston Court						\$11.1		
Bradford Court						\$10.7		
Cambridge Court						\$35.2		
Georgetown Drive (FDR)						\$107.7		
Monroe Road (Columbus to BP-48)							\$212.2	
Broadway (Suncrest to Miller Road)							\$465.1	
Raintree Trail (Sharon to Kerns)							\$52.0	
Winding Way							\$99.8	
<b>Resurfacing Program Total</b>		<b>\$572.0</b>	<b>\$680.0</b>	<b>\$672.7</b>	<b>\$834.0</b>	<b>\$903.8</b>	<b>\$879.1</b>	<b>\$50.0</b>





**CITY OF LEBANON**  
Five Year Capital Improvement Plan  
GENERAL CAPITAL FUND  
Fund Code 408-0100

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016 <i>Planned (\$1000's)</i>	Yr 2017 <i>Planned (\$1000's)</i>	Yr 2018 <i>Planned (\$1000's)</i>	Yr 2019 <i>Planned (\$1000's)</i>	Yr 2020 <i>Planned (\$1000's)</i>

<b>Fleet Replacement</b>								
Police Cars	408V-0001	\$91.0	\$70.0	\$105.0	\$105.0	\$101.0	\$95.0	\$110.0
General Administration Vehicles	408V-0004							\$35.0
Streets Vehicles / Equipment	408V-0015		\$159.0	\$182.0	\$165.0	\$170.0	\$45.0	\$175.0
Parks Vehicles / Equipment	408V-0016			\$70.0	\$115.0	\$80.0	\$55.0	\$60.0
Street Sweeper (Sanitation Fund)	623V-0001				\$250.0			
Streets Loader	408V-0018	\$107.0						
<b>Note: \$100k of Street Dump Truck in 2018 paid out of Street Fund</b>								
<b>Fleet Replacement</b>		<b>\$198.0</b>	<b>\$229.0</b>	<b>\$357.0</b>	<b>\$635.0</b>	<b>\$351.0</b>	<b>\$195.0</b>	<b>\$380.0</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 GENERAL CAPITAL FUND  
 Fund Code 408-0100

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020 <i>Planned (\$1000's)</i>

<b>General Capital</b>								
Tree Program	408M-0001	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0
Computer Equipment	408M-0003	\$75.0	\$75.0	\$75.0	\$75.0	\$75.0	\$75.0	\$75.0
Facility Repair	408M-0005	\$80.0	\$70.0	\$70.0	\$70.0	\$70.0	\$70.0	\$70.0
Streetscape Materials/Decorations	408M-0010	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0
Railroad Repair	408M-0015	\$180.0	\$180.0	\$180.0	\$180.0	\$180.0	\$180.0	\$180.0
Traffic Signal Improvements	408M-0027	\$25.0	\$25.0	\$25.0	\$25.0	\$25.0	\$25.0	\$25.0
Fleet Replacement	408M-0032	\$198.0	\$229.0	\$357.0	\$635.0	\$351.0	\$195.0	\$380.0
Municipal Service Facility Improvements	408M-0034	\$3,700.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Bridge Rehabilitation	408M-0035	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>General Capital Total:</b>		<b>\$4,283.0</b>	<b>\$604.0</b>	<b>\$732.0</b>	<b>\$1,010.0</b>	<b>\$726.0</b>	<b>\$570.0</b>	<b>\$755.0</b>

**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 Estimated Grant Revenue

As of 5/22/2015



Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016	Yr 2017	Yr 2018 <i>Planned (\$1000's)</i>	Yr 2019 <i>Planned (\$1000's)</i>	Yr 2020 <i>Planned (\$1000's)</i>
<b>ESTIMATED GRANT REVENUE</b>								
<b>OPWC Grant</b>								
S.R. 123 / S.R. 63 Connector	408R-0027	\$1,550.0						
West Street Reconstruction	408R-0039	\$300.0						
Maple St. Reconstruction - East St. to Broadway	408R-0040		\$399.0					
t Street Reconstruction - Park to Deerfield	408R-0054	\$669.0						
S. Broadway - Bridge to Maple Ave.	408R-0055					\$543.0		
East St. - Silver to New St.	408R-0056			\$325.0				
Bypass 48 Improvements	408R-0058			\$140.0	\$240.0	\$200.0		
Miller Road Intersection Improvements	408R-060							\$1,175.0
Monroe Road Improvements	408R-0059						\$242.0	
CDBG Allocation			\$250.0			\$250.0		
<b>Total Estimated Grant Revenue</b>		<b>\$2,519.0</b>	<b>\$649.0</b>	<b>\$465.0</b>	<b>\$240.0</b>	<b>\$993.0</b>	<b>\$242.0</b>	<b>\$1,175.0</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 GENERAL CAPITAL FUND  
 Fund Code 408-0100

As of 5/22/2015

Project Name/Description	Project Number	Total Cost	Two Year Effort		Five Year Plan				
			Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016 <i>Planned (\$1000's)</i>	Yr 2017 <i>Planned (\$1000's)</i>	Yr 2018 <i>Planned (\$1000's)</i>	Yr 2019 <i>Planned (\$1000's)</i>	Yr 2020 <i>Planned (\$1000's)</i>
<b>TOTAL CAPITAL</b>									
Roadway Improvements		<b>\$21,376.8</b>	\$2,835.0	\$2,380.0	\$2,864.7	\$3,409.0	\$4,103.8	\$2,427.5	\$3,356.8
General Capital		<b>\$8,680.0</b>	\$4,283.0	\$604.0	\$732.0	\$1,010.0	\$726.0	\$570.0	\$755.0
Estimated Change Orders			\$100.0	\$100.0	\$125.0	\$150.0	\$200.0	\$125.0	\$150.0
<b>TOTAL CAPITAL EXPENSE</b>		<b>\$30,056.8</b>	<b>\$7,218.0</b>	<b>\$3,084.0</b>	<b>\$3,721.7</b>	<b>\$4,569.0</b>	<b>\$5,029.8</b>	<b>\$3,122.5</b>	<b>\$4,261.8</b>
Estimated Non-Grant Revenue*			\$2,214.0	\$2,462.4	\$2,466.3	\$2,565.0	\$2,667.6	\$2,774.3	\$2,885.2
Street Fund (Fund 202) Resurfacing				\$150.0	\$150.0	\$150.0	\$150.0	\$150.0	\$150.0
Revenue from Rail Operation				\$20.0	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0
Estimated Grant Revenue			\$2,519.0	\$649.0	\$465.0	\$240.0	\$993.0	\$242.0	\$1,175.0
Sale of Debt			\$2,700.0						
Revenue from Other Funds					\$250.0		\$100.0		
MSF Revenue from Other Funds			\$750.0						
ODOT Urban Paving Program					\$617.0	\$1,300.0	\$1,100.0		
Payment Towards Connector Note			-\$3,100.0						
<b>TOTAL ESTIMATED REVENUE</b>			<b>\$5,083.0</b>	<b>\$3,281.4</b>	<b>\$3,968.3</b>	<b>\$4,275.0</b>	<b>\$5,030.6</b>	<b>\$3,186.3</b>	<b>\$4,230.2</b>
Net Change in Cash Reserves			-\$2,135.0	\$197.4	\$246.6	-\$294.0	\$0.8	\$63.8	-\$31.6
Projected Year End CIF Balance			<b>\$1,194.0</b>	<b>\$1,391.4</b>	<b>\$1,638.0</b>	<b>\$1,344.0</b>	<b>\$1,344.7</b>	<b>\$1,408.5</b>	<b>\$1,376.9</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 Parks and Recreation

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016 <i>Planned (\$1000's)</i>	Yr 2017 <i>Planned (\$1000's)</i>	Yr 2018 <i>Planned (\$1000's)</i>	Yr 2019 <i>Planned (\$1000's)</i>	Yr 2020 <i>Planned (\$1000's)</i>

<b>Park &amp; Recreation Improvements</b>								
Misc. Improvements			\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0
Miller Park	218-0001				\$75.0	\$30.0		
Drainage / Resurfacing Improvements LSC	101-0002	\$35.0				\$70.0		
Replace Ball Field Fencing	101-0003	\$15.0			\$20.0		\$20.0	
Lebanon - Countryside YMCA Trail Re-alignment / Extension	101-0004			\$75.0				
Harmon Playground enhancements	101-0006	\$15.0						
Resurface Colonial East	101-0007							
Resurface Colonial West	101-0008		\$55.0					
Resurface Tennis Courts	101-0009		\$35.0					
<b>Park &amp; Recreation Total</b>		<b>\$65.0</b>	<b>\$105.0</b>	<b>\$90.0</b>	<b>\$110.0</b>	<b>\$115.0</b>	<b>\$35.0</b>	<b>\$15.0</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 STORM WATER UTILITY FUND  
 Fund Code 615

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020

<b>Storm Water Fund</b>								
Walnut Street Storm Sewer	615-0003				\$400.0			
Drainage Improvements	615-0007	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0	\$300.0
Catch Basin Replacement	615-0008	\$15.0	\$15.0	\$15.0	\$15.0	\$20.0	\$20.0	\$20.0
Curb Replacement	615-0011	\$200.0	\$200.0	\$200.0	\$200.0	\$200.0	\$200.0	\$200.0
Maple St. Storm Sewer	615-0020		\$150.0					
High St. Storm - Main to Pleasant	615-0026		\$350.0					
Western Loop - S.R. 123 to S.R. 63	615-0032							
West St. Storm - Main to Silver	615-0033	\$150.0						
East St. Storm - Park to Deerfield	615-0034	\$363.0						
S. Broadway Ave. Storm Sewer	615-0035					\$300.0		
S. West Street Culvert Replacement	615-0037							
Sycamore St. Storm Sewer	615-0036					\$100.0		
East St. Storm Sewer - Silver to New	615-0021			\$200.0				
Monroe Rd. Catch Basin Replacement	615-0039						\$50.0	
Colonial Park Regional Pond	615-0040						\$200.0	
Fairview / Center St. Storm Sewer	615-0041						\$160.0	
Vehicle Replacement	615-0042		\$40.0					
<b>Storm Water Improvements Total</b>		<b>\$778.0</b>	<b>\$805.0</b>	<b>\$465.0</b>	<b>\$665.0</b>	<b>\$670.0</b>	<b>\$680.0</b>	<b>\$520.0</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 Sewer System Improvement Fund  
 Fund Code 611-6630

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014	Yr 2015	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020

<b>Sanitary Sewer System</b>								
Sanitary Sewer Collection Program	611-0005	\$0.0	\$50.0	\$50.0	\$300.0	\$200.0	\$300.0	
Wastewater Plant Improvements - Sludge Digesters	611-0017						\$100.0	\$900.0
Mulberry St. Sanitary	611-0022							
E. Warren - Columbus to Mound	611-0032							
Wright Avenue Sanitary	611-0036			\$70.0				
Oakwood Ave. - Lining	611-0027							
Alley between Deerfield and Ward	611-0028							
Sludge Belt Press Improvements	611-0029			\$200.0				
Vehicle Replacement	611-0026	\$350.0		\$45.0	\$225.0			
Mechanic	611-0037							
Walnut Street Sanitary - Replace	611-0038				\$240.0			
Columbia Rd Sanitary Extension	611-0041							
S.R. 123 / S.R. 63 Connector	611-0042							
E. Concord Sanitary Lining	611-0048							
High St. Sanitary - Main to Pleasant	611-0039		\$300.0					
S. Broadway - Bridge to Maple - Lining	611-0043					\$110.0		
WWTP Aeration Improvements	611-0049		\$500.0	\$600.0				
<b>Sanitary Sewer System Totals:</b>		<b>\$350.0</b>	<b>\$850.0</b>	<b>\$965.0</b>	<b>\$765.0</b>	<b>\$310.0</b>	<b>\$400.0</b>	<b>\$900.0</b>

# CITY OF LEBANON

As of 5/22/2015

Five Year Capital Improvement Plan  
Sewer System Improvement Fund  
Fund Code 611-6630



Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014	Yr 2015	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020
		<i>Funded (\$1000's)</i>		<i>Planned (\$1000's)</i>				

<b>Sanitary Sewer System</b>								
Sanitary Sewer Subtotal		\$350.0	\$850.0	\$965.0	\$765.0	\$310.0	\$400.0	\$900.0
Center Street Sanitary	611-0044							
Suncrest Drive Sanitary	611-0045	\$150.0						
Maple Avenue - Lining	611-0046		\$150.0					
Kingsview Dr. Gravity Sanitary	611-0047							
W. Warren St. / Water St. Lining	611-0050	\$50.0						
Fairview (Mound to Walnut) Lining	611-0051	\$12.0						
Highland Ave. Lining	611-0052	\$25.0						
Cardinal / Hallie Ct. Lining	611-0053	\$35.0						
Meadow Lane (CDS to Monroe) Lining	611-0054		\$25.0					
Hillview Alley	611-0055				\$55.0			
Ridge Rd. (Summit to Glenview) Lining	611-0056					\$17.0		
Turtle Creek Pump Station Improvements	611-0057			\$600.0				
Reeders Run Sanitary Sewer	611-0058						\$500.0	
S. Mechanic St. Sanitary Sewer	611-0059					\$175.0		
Sycamore St. Exposed Sanitary Sewer	611-0060					\$380.0		
Katherine Exposed San. Sewer to Westview	611-0061		\$100.0					
Turtle Creek Exposed Trunk - South of Main St	611-0062			\$100.0				
Meadow Lane Easement	611-0063						\$175.0	
<b>Sanitary Sewer System Totals:</b>								
		<b>\$622.0</b>	<b>\$1,125.0</b>	<b>\$1,665.0</b>	<b>\$820.0</b>	<b>\$882.0</b>	<b>\$1,075.0</b>	<b>\$900.0</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 Water System Improvement Fund  
 Fund Code 610 and 605

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020 <i>Planned (\$1000's)</i>

<b>Water Distribution System</b>								
Water Main Distribution Improvements	610-0006							
Maple St. Water Main	610-0040		\$250.0					
Mulberry St. Water Main	610-0030							
W. Warren St. Water Main	610-0063	\$150.0						
W. Silver St. Water Main	610-0086							
Canal Street Water Main	610-0073	\$140.0						
Algonquin Water Main	610-0074							
Wright Ave. Water Main	610-0038							
S.R. 123 / S.R. 63 Connector	610-0079							
Municipal Service Facility	610-0085							
Farview - Mound to Walnut	610-0068							
Stillwell Water Main	610-0046							
Center St. Water Main	610-0053	\$100.0						
Miller St. Water Main	610-0055	\$95.0						
East St.-Main to Silver	610-0031							
Summit St. - Columbus to Oak	610-0067			\$200.0				
Franklin Rd. Water Main	610-0082							
N. Broadway-Suncrest to DeSales	610-0083				\$140.0			
Paint South Water Tower #1	610-0024							
West St. Water Main - Main to Silver	610-0058	\$150.0						
High St. - Main to Pleasant	610-0070		\$365.0					
Highland - Walnut to Glenview	610-0071							
Walnut St. - Summit to Highland	610-0050		\$40.0					
S. Broadway - Bridge to Maple	610-0084					\$600.0		
<b>Water Distribution Subtotals:</b>		<b>\$635.0</b>	<b>\$655.0</b>	<b>\$200.0</b>	<b>\$140.0</b>	<b>\$600.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 Water System Improvement Fund  
 Fund Code 610 and 605



Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016	Yr 2017	Yr 2018	Yr 2019	Yr 2020
<b>Water Distribution System</b>								
<b>Water Distribution Subtotals:</b>		\$635.0	\$655.0	\$200.0	\$140.0	\$600.0	\$0.0	\$0.0
W. Warren Bridge Main	610-0087	\$150.0						
East St. (Silver to New)	610-0088			\$270.0				
West Lane Main	610-0089							
Hillview - Alley to Orchard	610-0069							\$400.0
Ridge Rd. - Summit to Glenview	610-0078						\$190.0	
Monroe Rd (Columbus to Horshoe)	610-0090						\$1,200.0	
Meadow Lane - Monroe to Broadwa	610-0091							
Vehicle Replacement	610-0092		\$45.0	\$35.0		\$115.0	\$75.0	
Paint Logo Tower	610-0093							
E. Fairview (Walnut to Mound)	610-0094			\$160.0				
Clover Lane Water Main	610-0095							
SCADA Upgrades	610-0096			\$100.0	\$100.0			
Mcburney (West Lane to Clover)	610-0097						\$180.0	
Crestview (Oak to Ridge)	610-0098				\$300.0			
N. Broadway (DeSales north to AC Pipe)	610-0099							
Ridgewood Lane	610-0100							\$167.0
Sage Street							\$90.0	
Chillicothe (Taylor to dead-end of Jameson)								\$500.0
<b>Water Distribution System Totals:</b>		<b>\$785.0</b>	<b>\$700.0</b>	<b>\$765.0</b>	<b>\$540.0</b>	<b>\$715.0</b>	<b>\$1,735.0</b>	<b>\$1,067.0</b>



**CITY OF LEBANON**  
 Five Year Capital Improvement Plan  
 ELECTRIC SYSTEM IMPROVEMENT  
 Fund Code 609 and 604

As of 5/22/2015

Project Name/Description	Project Number	Two Year Effort		Five Year Plan				
		Yr 2014 <i>Funded (\$1000's)</i>	Yr 2015 <i>Funded (\$1000's)</i>	Yr 2016	Yr 2017	Yr 2018 <i>Planned (\$1000's)</i>	Yr 2019 <i>Planned (\$1000's)</i>	Yr 2020 <i>Planned (\$1000's)</i>

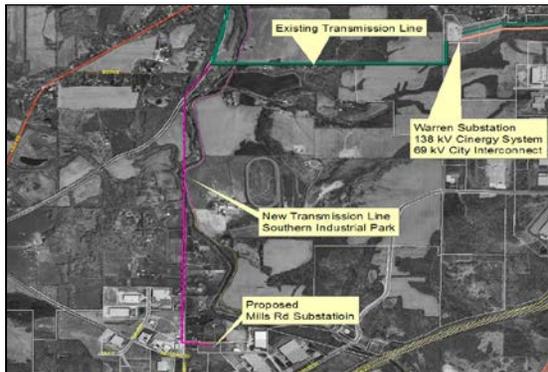
<b>Electric System Improvement</b>								
Generation Improvements	609-0040							
Trans. - Southern Industrial Parks	609-0020	\$400.00	\$325.0	\$400.0				
Transmission - North Loop Extension	609-0021					\$250.0	\$200.0	\$150.0
Transmission - New AEP Interconnect	609-0026							
Transmission - Increase Capacity	609-0029							
Municipal Service Facility	609-0031	\$100.0						
Electric Green Barn Replacement	609-0032				\$1,000.0			
Substation - New Power Plant Sub	609-0010							
Substation - Warren Sub 138-69	609-0028							
Substation - Columbia / Mills Road	609-0027	\$200.0	\$2,375.0	\$900.0				
Distribution-Southern Industrial Parks	609-0022							
Fiber Optic Improvements	609-0025			\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
Distribution System Improvements	609-0004	\$585.0	\$460.0	\$545.0	\$690.0	\$450.0	\$470.0	\$480.0
Distribution System Expansion	609-0005	\$200.0	\$210.0	\$250.0	\$250.0	\$250.0	\$260.0	\$280.0
Vehicle Replacement	609-0030	\$180.0	\$100.0	\$195.0	\$100.0	\$220.0	\$165.0	\$160.0
<b>Electric System Totals:</b>		<b>\$1,665.0</b>	<b>\$3,470.0</b>	<b>\$2,340.0</b>	<b>\$2,090.0</b>	<b>\$1,220.0</b>	<b>\$1,145.0</b>	<b>\$1,120.0</b>

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
609-0027

DEPARTMENT : ELECTRIC  
PROJECT TITLE : Substation - Mills Rd  
PROJECT YEAR : 2015 thru 2016



**COST ESTIMATE :** \$3,275k  
**FUND CODE :** 609- Electric System Improvements

### PROJECT DESCRIPTION :

This project will construct a new distribution substation on Mills Road. The distribution substation will serve the Columbia Business Park and Kingview Industrial Parks and serve as a redundant system for the Lebanon Commerce Center area. The transmission lines serving the substation have been completed (project 609-0020).



### PROJECT STATUS :

This project is planned for construction in 2015 thru 2016.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
408R-0056

DEPARTMENT : ENGINEERING  
PROJECT TITLE : East Street Reconstruction  
PROJECT YEAR : 2016



**COST ESTIMATE :** \$900k  
**FUND CODE :** 408-0100 Capital Fund & 615 Storm Water Fund  
**GRANT STATUS:** Will apply for Issue 2 Funding (49% Match)  
**PROJECT DESCRIPTION :**

Reconstruction of East Street from New Street to Silver Street. Project will include the replacement of existing curb, installation of new storm sewer system, and replacement of utilities as needed.



**PROJECT STATUS :**

Construction is planned for the year 2016.

This information was last updated on : 5/7/2015

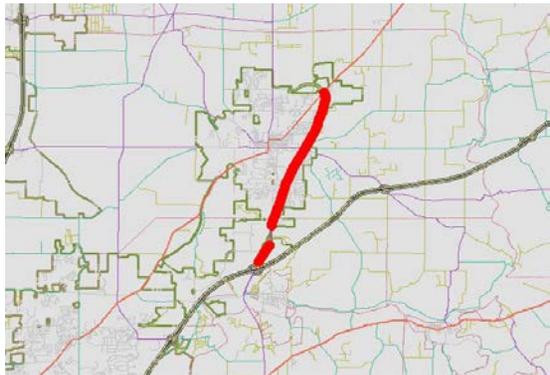
*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
408R-0058

DEPARTMENT : ENGINEERING  
PROJECT TITLE : Bypass 48 Improvements  
PROJECT YEAR : 2016 - 2018



**COST ESTIMATE :** \$4,467k  
**FUND CODE :** 408-0100 Capital Fund  
**GRANT STATUS:** Will apply for OPWC Funding; Eligible for \$3,017k in ODOT Paving Funds  
**PROJECT DESCRIPTION :**

Mill and place 2" asphalt overlay of sections of Bypass 48 within Corporation Limits (Kingsview to Columbus Ave.). Project will be coordinated with the ODOT Urban Paving Program, and Staff will apply for OPWC funding as well.

## PROJECT STATUS :

Construction is planned for the year 2016 - 2018.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
609-0032

DEPARTMENT : ELECTRIC  
PROJECT TITLE : Electric Green Barn Replacement  
PROJECT YEAR : 2017



**COST ESTIMATE :** \$1,000k  
**FUND CODE :** 609- Electric System Improvements

## PROJECT DESCRIPTION :

This project will replace a deteriorated structure used by the Electric Department to store material and equipment. This structure is located in the Central Business District and does not comply with current building requirements (metal exterior) in the CBD. This building was originally used as a feed mill, then by various City department including streets and refuse collection. The foundation and steel structure in the basement are deteriorated and limits the use of the building for material and equipment storage. The Electric Department is the Central Receiving (all large truck deliveries are made here) for the City and this building has the only operating truck dock in the City.



## PROJECT STATUS :

This project is planned for demolition and construction in 2017.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
408R-0043

DEPARTMENT : ENGINEERING  
PROJECT TITLE : Jackson Street Reconstruction  
PROJECT YEAR : 2017



COST ESTIMATE : \$350k  
FUND CODE : 408-0100 - Capital Fund

#### PROJECT DESCRIPTION :

Reconstruction of Jackson Street from Warren Street to Silver Street.  
Project includes new curb and gutter, storm sewer system, and utility replacements as needed.



#### PROJECT STATUS :

Construction is planned for the year 2017.

This information was last updated on : 5/7/2015

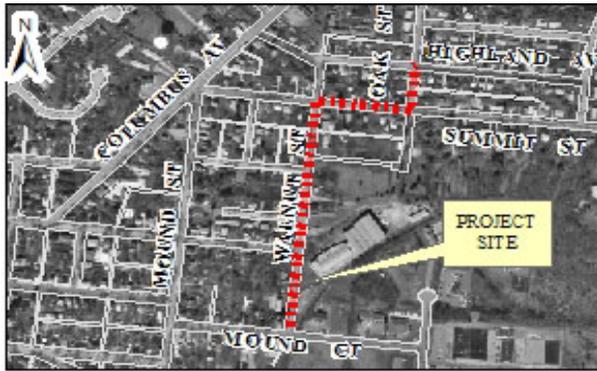
*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
615-0003

DEPARTMENT : ENGINEERING  
PROJECT TITLE : WALNUT STREET STORM SEWER  
PROJECT YEAR : 2017



COST ESTIMATE : \$400.0k  
FUND CODE : 615 - Storm Water Fund

## PROJECT DESCRIPTION :

Installation of new storm sewer on Walnut Street from Mound Street to Summit Street to address ongoing intersection drainage problems.



## PROJECT STATUS :

Construction is planned for the years 2017.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
408R-0055

DEPARTMENT : ENGINEERING  
PROJECT TITLE : S. Broadway Avenue Reconstruction  
PROJECT YEAR : 2018



**COST ESTIMATE :** \$1,200k  
**FUND CODE :** 408-0100 Capital Fund & 615 Storm Water Fund  
**GRANT STATUS:** Will apply for Issue 2 Funding (49% Match)  
**PROJECT DESCRIPTION :**

Reconstruction of S. Broadway Avenue from Maple Street to Cincinnati Avenue (excluding bridge). Project includes new curb and gutter, storm sewer system, and utility replacements as needed.



**PROJECT STATUS :**

Construction is planned for the year 2018.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER 408R-0057
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DEPARTMENT : ENGINEERING  
PROJECT TITLE : NORTH SYCAMORE STREET RECONSTRUCTION  
PROJECT YEAR : 2018



**COST ESTIMATE :** \$450k  
**FUND CODE :** 408-0100 Capital Fund & 615 Storm Water Fund

**PROJECT DESCRIPTION :**

Reconstruction of N. Sycamore Street from Mulberry Street to Silver Street  
Project includes new curb and gutter and storm sewers.



**PROJECT STATUS :**

Construction is planned for the year 2018.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
408R-0060

DEPARTMENT : ENGINEERING  
PROJECT TITLE : FAIRVIEW AVE. & CENTER ST. RECONSTRUCTION  
PROJECT YEAR : 2019



**COST ESTIMATE :** \$685k  
**FUND CODE :** 408-0100 Capital Fund & 615 Storm Water Fund

**PROJECT DESCRIPTION :**

Reconstruction of Fairview Ave. from Walnut St. to Mound St. and Center St. Project includes complete reconstruction of road with new curb and gutter and storm sewer system.



**PROJECT STATUS :**

Construction is planned for the year 2019.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
408R-0059

DEPARTMENT : ENGINEERING  
PROJECT TITLE : MONROE ROAD IMPROVEMENTS  
PROJECT YEAR : 2019



**COST ESTIMATE :** \$545k  
**FUND CODE :** 408-0100 Capital Fund & 615 Storm Water Fund

**PROJECT DESCRIPTION :**

Reclamation of existing roadway with installation of new curb and gutter from Horseshoe Falls Dr. to Columbus Ave.



**PROJECT STATUS :**

Construction is planned for the year 2019.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
611-0017

DEPARTMENT : WASTEWATER  
PROJECT TITLE : Sludge Digester Improvements  
PROJECT YEAR : 2020



COST ESTIMATE : \$1,000k  
FUND CODE : 611 - Sewer System Improvement Fund

### PROJECT DESCRIPTION :

Improvements will be required to the solids handling facilities to keep up with the growth of the City.

As the City develops more waste products are produced at the WWTP that must be treated and disposed of in an economical and lawful manner.

The recently completed sludge study recommends expanding the current sludge holding tanks and continue hauling sludge to a landfill.



### PROJECT STATUS :

This project is planned for construction in year 2020.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*

# CAPITAL IMPROVEMENT PROJECT FACT SHEET



PROJECT NUMBER
408R-0060

**DEPARTMENT :** ENGINEERING  
**PROJECT TITLE :** Miller Road Intersection Improvements  
**PROJECT YEAR :** 2020



**COST ESTIMATE :** 2,400k  
**FUND CODE :** 408-0100 Capital Fund  
**GRANT STATUS:** Will apply for OPWC Funding  
**PROJECT DESCRIPTION :**

Improve Miller Road Intersections at N. Broadway Avenue, Drake Road, and Columbus Avenue to improve traffic movement and vehicular safety at these key intersections. Improvements will include widening, traffic signal improvements, and other measures.

**PROJECT STATUS :**

Construction is planned for the year 2020.

This information was last updated on : 5/7/2015

*" DEDICATED TO EXCELLENCE IN PUBLIC SERVICE "*